STATE OF UTAH

T-MOBILE FOR GOVERNMENT

Agenda

- Starting with some Questions

- T-Mobile's Dedication to the State

- 5G Spectrum & Network Overview

- T-Mobile & SpaceX Partnership

- Key Topics & Value Realization

- Thank you

NASPO Master Agreement - State of Utah CLM #686074

Questions

How can we leverage our network for good of the State

- Do they know our network story
  - 600Mhz & Sprint
  - Urban core 5G buildout complete
  - Focus is Rural Utah

- What rural areas can/should we focus on for maximal value

- How do the committee members feel we can best partner

- How can T-Mobile take advantage of statewide infrastructure growth

T-Mobile dedicated to the State

- $40 Billion spent in network improvements over last 4 years
  - Sprint Network Integration and 600Mhz Spectrum
  - Dramatic improvements in rural coverage
  - Leader in 5G coverage, record speeds
- Dedicated to State initiatives like Project 10M and ACP to help bridge the digital divide
- Connecting Heroes Plans for Public Safety with Wireless Priority Services included
- Dedicated solutions like CPR3 and Fixed High-Speed Internet
- Discount for Government Employees
- Average savings of 30% versus competitors on contract
- Dedicated Government Channel and State Focused Team

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T-Mobile's Network - 5G Spectrum Matters

Each spectrum frequency band has its own strengths and limitations.
Most organizations require a combination to meet their performance requirements.

T-Mobile's Multi-Band 5G Network = Differentiator
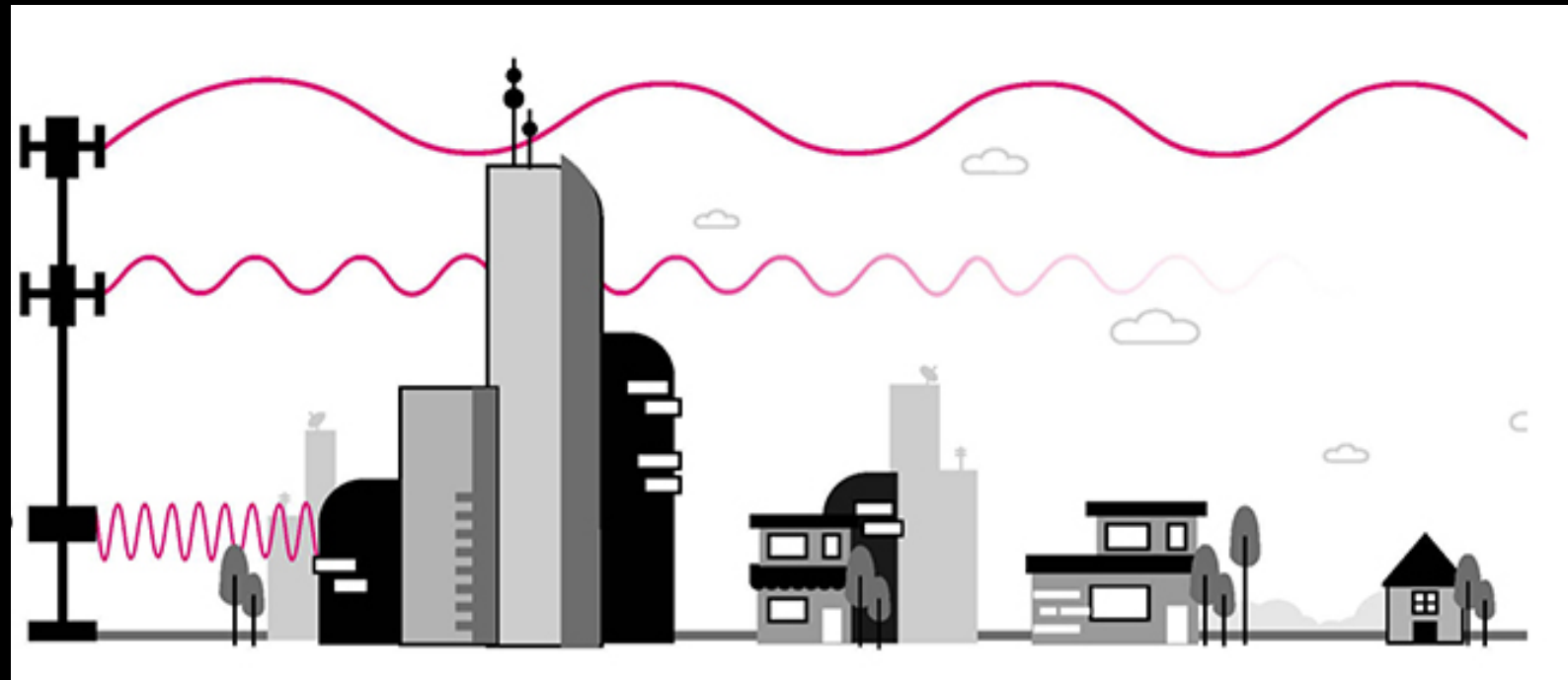
Low-band – Extended Range 600 MHz
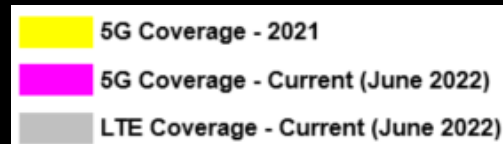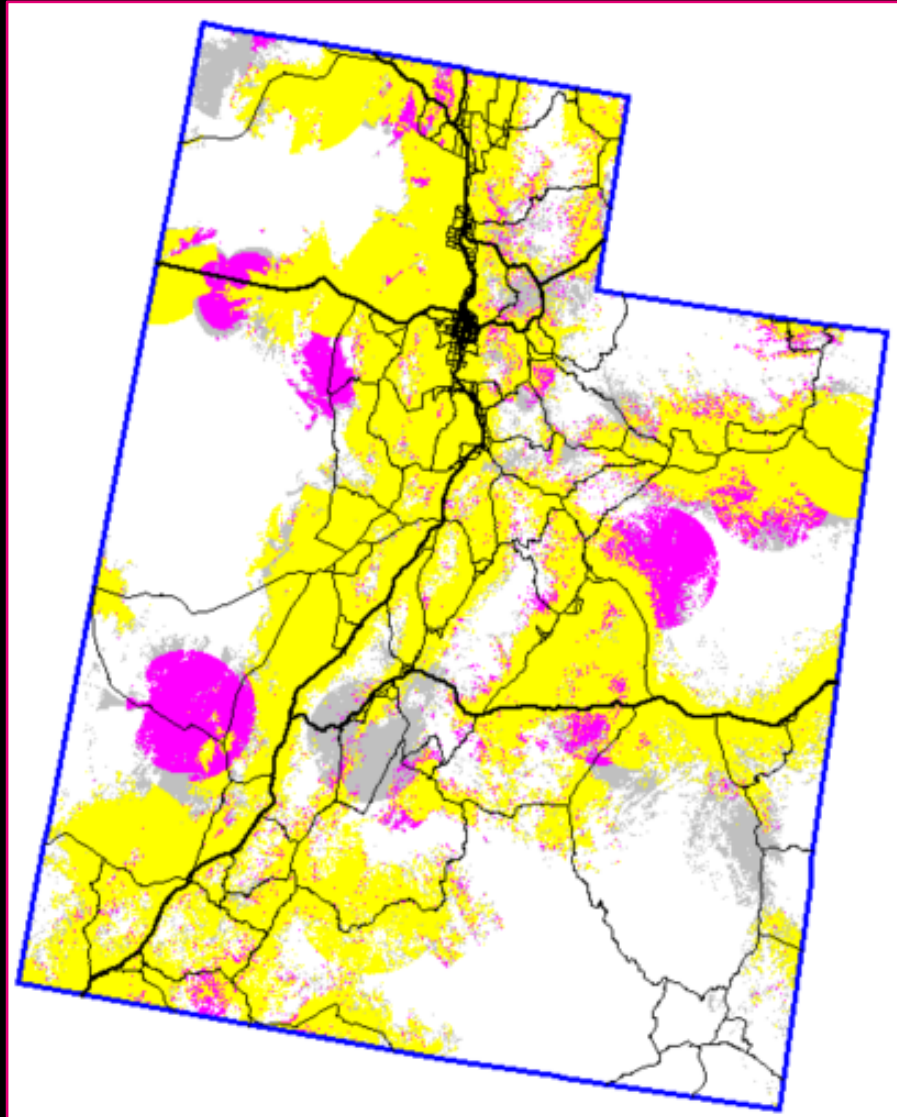Lower speed but wide coverage, can pass through buildings

Mid-band – 2.5 GHz
A balance between coverage and capacity

High-band (mmWave)
High-speed, disrupted by barriers, narrow coverage

State of Utah – Network Metrics

2021

% 5G Pops Covered = (80.3%)
% 5G Area Covered = (58%)

Current

% 5G Pops Covered = (88%)
% 5G Area Covered = (64%)

EOY-2022 (Projected)

% 5G Pops Covered = (93%)

Legend:
- 5G Coverage - 2021
- 5G Coverage - Current (June 2022)
- LTE Coverage - Current (June 2022)

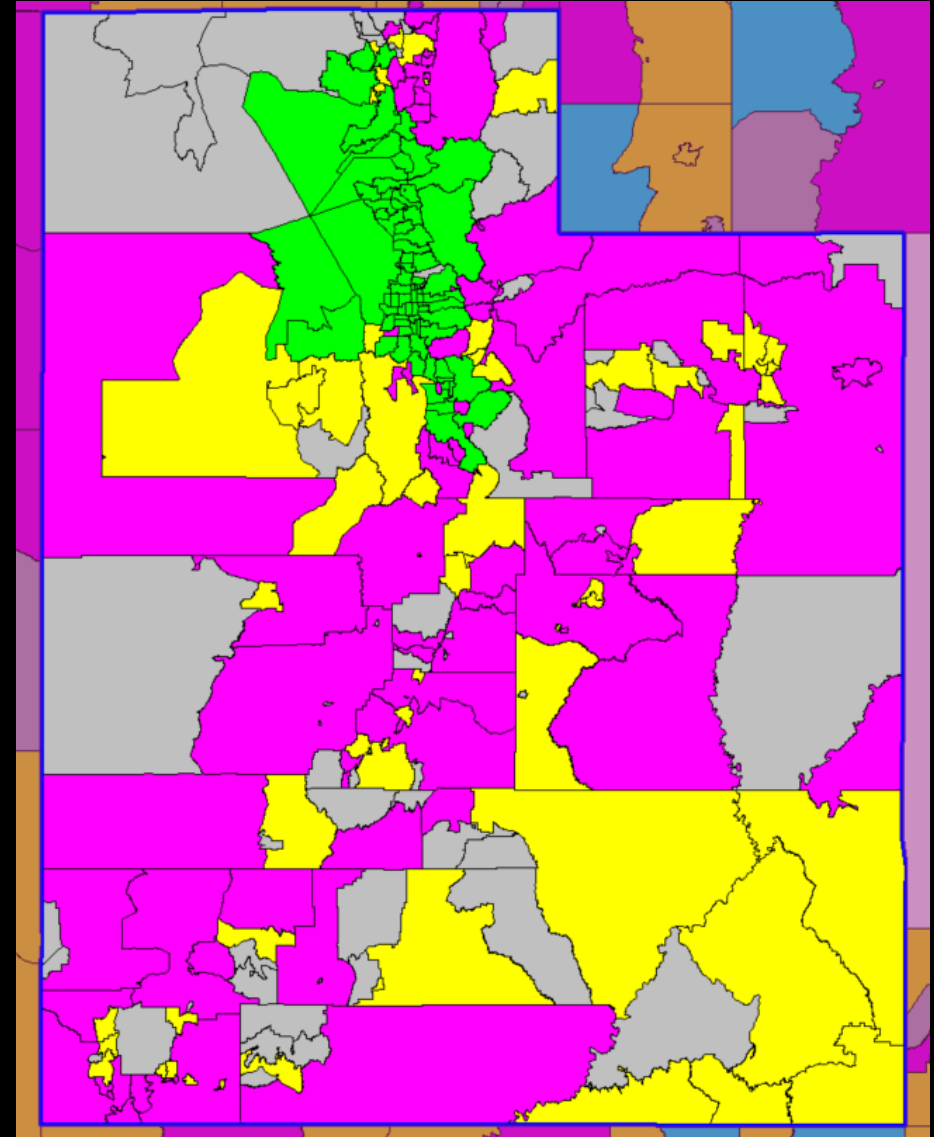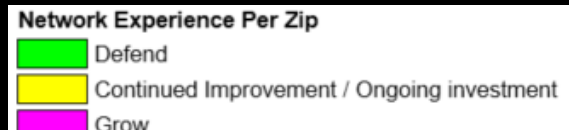Total Pops = 3.1M
Total Area = 84k sq miles

State of Utah – 5G Advanced Network Solutions

5G Viability

- Ultra Capacity 5G = Purple
- Fixed and Mobile Connectivity
- Large area of the State is eligible
- Network availability improving weekly
- Public, Hybrid, and Private Networking

Solutions

- State Provided Dedicated Employee Internet
- T-1, Copper Line Replacements
- Wi-Fi Access/ Connectivity
- Connected Devices (IoT) & Control Center
- Redundant/Back-up Network

Network Experience Per Zip

- Green: Defend
- Yellow: Continued Improvement / Ongoing investment
- Magenta: Grow

T-Mobile & SpaceX Partnership

Industry changing partnership established between T-Mobile and SpaceX to deliver coverage anywhere you can see the sky

- New network - Starlink
- Ground tested & proven
- Satellites launch Q2 2023
- Beta test Q3/Q4 2023

What we expect

- Priority will be text/location
- No extra cost
- Leverage existing equipment

T·Mobile | SPACEX

OUR VISION
THE END OF
MOBILE DEAD ZONE

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State Key Topics & Value Realization

Key Topics of Discussion

- 5G Network Viability & Modernization
  - Hybrid Work Environment - Dedicated Employee Internet
  - T1 / Copper – Wireline/ISP replacement/augmentation
  - Desk phone replacement
  - Project 10 Million / ACP
    - Free or reduced cost connectivity
    - Supports marginalized communities
    - 5G rural connectivity
- Testing of T-Mobile Services
  - Network testing voice/data

Value Realization

- 30-40% Monthly Savings per user per month
  - Includes 5G Device Upgrade
  - Compliant devices and employee satisfaction
  - 25/10 – Dedicated Employee Internet
- Dedicated Support
  - Dedicated support team
  - White glove implementation
  - Custom billing / reporting
- Employee Discount for all "Gov Employees"

Thank you

We are dedicated to our continued network expansion and focused on how we can use it for good of the State of Utah.

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